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- Accepted by order  
10/17/05

1  
OCT 5 1905

(4-683.)

Mineral Survey No. 2174

Lot No. \_\_\_\_\_

Arizona

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Howard J. Smith et al

KNOWN AS THE

Key  
Warren

Mining District,

Yochise

County,

Arizona

Section approx

Township 23 S

Range 24 E

Surveyed under instructions dated October 4, 1905

by Franklin W. Smith

U. S. Deputy Mineral Surveyor

Claim located see location notices, 1

Survey commenced October 5, 1905

Survey completed October 5, 1905

6-100

Post office address of claimant

Busby Yochise County Arizona

510 ✓  
Ledy ✓  
512 ✓  
Area ✓

situated in Warren Mining District Cochise County Territory of Arizona, and owned by Hoval A. Smith et al.

## AFFIDAVIT OF \$500.00 IMPROVEMENTS.

I hereby certify that the value of the labor and improvements on this claim placed thereon by the claimants or their grantors is not less than \$500.00 and that said improvements were placed on said claim before the 16th day of March and prior to the expiration of the period of publication and that the improvements are as follows:

No. 1	Discovery shaft 4 x 6 x 10 ft deep brs from W E C location S. 39° 11' E 500.0 ft. value	\$100.00
No. 2.	Shaft 5 x 7 x 11 ft. deep brs from Cor. No. 2. N.37° 19' W, 166.2 ft. value	\$100.00
No. 3.	Shaft 5 x 7 x 11 ft. deep brs from Cor. No. 2 N.38° 1' W. 191.7 ft. value	\$100.00
No. 4.	Shaft 5 x 7 x 11 ft. deep brs from Cor. No. 2. N.38° 19' W. 203.9 ft. value	\$100.00
No. 5	Shaft 4 x 6 x 10 ft deep brs. from Cor. No. 2 N.41° 45' W. 195.5 ft. value	\$100.00
No. 6.	Shaft 4 x 6 x 10 ft deep brs from Cor. No. 2. N 42° 14' W. 214.5 ft. value	\$100.00
No. 7	Shaft 4 x 6 x 10 ft. deep brs. from Cor. No. 2. N44° 19' W. 229.5 ft. value	\$100.00
No. 8	Shaft 5 x 7 x 11 ft deep brs from Cor. No. 2. N.44° 29' W. 199.0 ft. value	\$100.00
No. 9	Shaft 5 x 7 x 11 ft. deep brs from Cor. No. 2. N. 44° 59' W. 175.3 ft. value	\$100.00
No. 10.	Shaft 5 x 7 x 11 ft. deep brs from Cor. No. 2. N. 45° 9' W. 215.1 ft. value	\$100.00
No. 11.	Shaft 5 x 7 x 20 ft. deep brs from Cor. No. 2. S.33° 7'E. 521.0 ft. value	\$200.00
	Total improvements.	\$1200.00

*Franklin W. Smith*  
U. S. Deputy Mineral Surveyor.

Dated at Bisbee, Arizona

March 17-1906



Affidavit of Five Hundred Dollars Improvements.

We, J.P. Chiado and Harry Locke

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the

Key mining claim, situate in Warren

mining district, Cochise County, Arizona Territory, for which

Hoval A. Smith and Martin Costello

have made application for survey prior to application for patent under the provisions of the Act of Congress

approved May 10, 1872; and that the labor done and improvements made thereon by the applicants and

~~their~~ grantors exceed five hundred dollars in value, and further that we are not personally interested

in said mine.

*J.P. Chiado*  
*Harry Locke*

TERRITORY OF ARIZONA,  
COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 17<sup>th</sup> day

of March, 1906

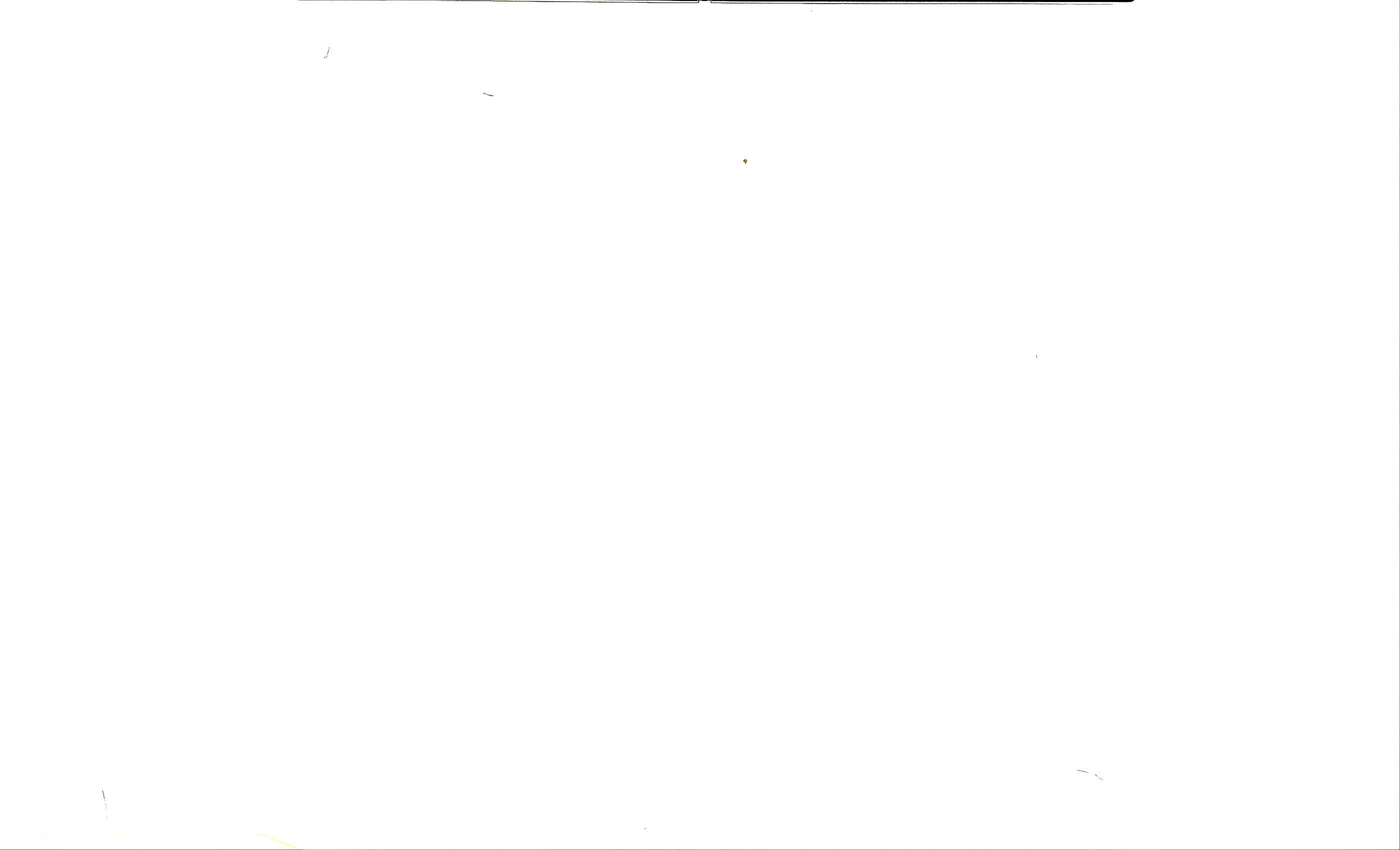
[SEAL.]

117860403-2-04

*Chara L. Ralph*

NOTARY PUBLIC  
In and for the County of Cochise, Territory of Arizona,

*My Commission expires Dec 20 / 1909*



# Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for..... the district of Arizona....., do hereby certify that Five Hundred Dollars' worth of labor has been expended or improvements made by claimant or their grantors, upon the mining claim of Hoval A. Smith et al, known as the Key situate in Warren mining district, Cochise County, Arizona. in Section , Township No. , Range No. ; that said improvements consist of 11 shafts, value \$1200.00 And the said improvements were made prior to the expiration of the period of publication of the application for patent.

....., and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim. A copy of the report of Franklin W. Smith, U. S. Deputy Mineral Surveyor, dated March 17, 1906., 18 , is hereto attached.

( Signed) Frank S. Ingalls, U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,  
Phoenix, Arizona.  
March 20, 1906., 1



## Survey No. 2174.

Feet

K E Y

Beginning at Cor. No.1 the NW cor identical with location and with Cor.No.3 Just Discoverer lode, Survey No 1678 a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 1-2174 K L whence a pine post of same dimensions and scribed B. P. 1-2174 brs S. 15° 19' W. 25 ft and a second pine post of same dimensions and scribing brs. S. 35° 49' E. 25 ft. and U. S. M. No. 4 Warren Mining District brs N. 36° 23' W 2719.4 ft.,

Thence S. 35° 49' E.

698.4 to Cor.No.2, identical with Cors No.4 and 1 respectively of Ohio lode, Survey No.1648 and Wallace lode, Survey No 1782, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 2-2174 K L whence a pine post of same dimensions and scribed B. P. 2-~~2174~~ brs N. 35° 49' W. 25 ft and a second pine post of same dimensions and scribing brs. S. 35° 57' E. 25 ft.,

Thence S. 35° 57' E

600.0 to Cors No.5 and 6 respectively of Wallace lode, Survey No.1782 and Lucky lode, Survey No.2084,

702.6 same bearing to Cor.No.3, the NE cor a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3\_2174 K L whence a pine post of same dimensions and scribed B. P. 3-2174 brs N. 35° 57' W. 50 ft and a second pine post of same dimensions and scribing brs. S. 15° 19' W. 5 ft., and original location for NE cor brs N. 15° 19' E. 25 ft.,

Thence S. 15° 19' W.

11.6 to original location for SE E C.,

21.6 same bearing to Cor.No.4, the SW cor identical with location, with Cors No.3, 4 and 5 respectively of Comstock lode, Survey No.1392, Hulu lode, Survey No.1872, Lucky lode Survey No.2084, a pine post 4 ft long 4 ins sq set 1 ft

in the ground in a mound of stones and scribed 4-2174 K L, whence a pine post of same dimension and scribed B.P 4-2174 brs N. 15° 19' E. 5 ft., and a second pine post of same dimensions and scribing brs. N. 42° 57' W. 25 ft and Cor No.6 Lucky lode, Survey No.2084 brs. N. 27° 42' W 117.3 ft.,

Thence N. 42° 57' W.

1227.5 to Cor.No15, identical with Cor.No. 2 and 3 respectively of Comstock lode, Survey No. 1392 and California lode Survey No.1392, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 5-2174 K L whence a pine post of same dimensions and scribed B. P 5-2174 brs S. 42° 57' W. 25 ft., and a second pine post of same dimensions and scribing brs. N.49° 5' W. 10 ft.,

Thence N. 49° 5' W.

52.1 along line 2-3 California lode, Survey No. 1392 to Cor.No6 the SW cor identical with location and with Cor.No.4 Just Discover lode, Survey No.1678, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 6-2174, K L whence a pine post of same dimensions and scribed B. P. 6-2174 brs N. 15° 19' E. 25 ft., and a second pine post of same dimensions and scribing brs. S. 49° 5' E. 10 ft.,

Thence N. 15° 19' E.

120.0 to original location for NW E C .,

231.0 same bearing to Cor.No.1 the place of beginning .

Ledge.

The presumed course of the vein on his claims from NW E C S. 39° 11' E. 1340.9 ft.,

-----AREA-----

Total area Key lode,	3.073 ac
Less area in conflict with Lucky lode, Survey No.2084	<u>0.020</u>
Net area Key lode,	3.053 ac.



## IMPROVEMENTS.

I certify that the value of the labor and improvements on this lode placed thereon by claimant or his grantors is as follows

No. 1 Discovery shaft 4x6x10 ft Drs from ~~NW~~<sup>NE</sup> ~~SE~~<sup>E</sup> C location S. 39° 11' E. 500 ft., Value, \$100.00

Note Complete affidavit of \$500 improvements will be filed before the expiration of the period of publication.

## ADJOINING CLAIMS.

Northeast. Ohio lode, Survey No 164<sup>8</sup>, Calumet & Pittsburg mining Co owners; Wallace lode, Survey No. 1732, Charles Strong et al owners; Lucky lode Survey No. 2084, Hoyal A. Smith owner  
Southeast, Lulu lode, Survey No. ~~1737~~<sup>1872</sup>, H. J. Cunningham et al owners;

Southwest, Comstock and California lodes, Survey No. 1392, Lake Superior & Pittsburg Min Co owners.

Northwest, Just Discoverer lode, Survey No. 1678, Calumet & Pittsburg Min Co owners.

## LOCATION.

This claim is located about 3½ mi in a SE direction from the City of Bisbee on unsurveyed lands in the Warren Mining District, Cochise County, Arizona, on unsurveyed lands approximately in T<sub>23</sub> S R 24 E G & S R B & H.,

## INSTRUMENT.

This survey was made with a C L Berger & Sons No. 1 transit, the courses were deflected from the true meridian as determined by solar observation checked by an observation on Polaris. The Distances were measured with a 300 ft steel tape. Magnetic variation 12° 30' E.

*Franklin W. Smith*

U S Deputy Mineral Surveyor.

Dated at Bisbee, Arizona

*Oct 10 1905*

Note Any discrepancies between the courses and distances of ~~this~~<sup>the</sup> survey and those of the adjoining and conflicting approved surveys, are due to errors in the latter.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Franklin W. Smith

United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of

Howal A. Smith et al

known as the - Key -

and showing the respective capacities in which they acted.

A. G. Jessemer, Chainman.

J. P. Sweeney, Chainman.

....., Axman.

....., Flagman.

## FINAL OATHS OF ASSISTANTS.

We, A. G. Jessemer

and J. P. Sweeney, do solemnly swear that we assisted Franklin

W. Smith United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

Howal A. Smith et al

known as the - Key -

represented in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for

Arizona

A. G. Jessemer, Chainman.

J. P. Sweeney, Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 10<sup>th</sup>

day of October, 1905

Cora E. Smith

NOTARY PUBLIC  
In and for the County of Cochise, Arizona  
My Commission Expires March 21, 1906



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Franklin W. Smith, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated October 4 1905, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of Howal G. Smith et al, known as the Key, situate in Warren Mining District, Pachisi County, Arizona, in Section 4th, Township No. 7 2d, Range No. nt E 5 2d and designated as Survey No. 2174, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or their grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Franklin W. Smith  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Franklin W. Smith  
U. S. Deputy Mineral Surveyor, before me Sora E. Smith  
this 10<sup>th</sup>  
day of October 1905,

Cora E. Smith  
NOTARY PUBLIC  
In and for the County of Cochise, Territory of Arizona,  
My Commission Expires March 21, 1906.



31712

AMENDED

# Notice of Mining Location

## LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Key Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Martin O'Hare, a citizen of the United States,

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")  
the undersigned, on the 29th day of January 1904

The length of this claim is fifteen hundred feet, and said claim runs five hundred feet, in a northwesterly direction and one thousand feet in a southeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with about 180 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the northwest to the southeast

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about two & 1/2 miles in a southeasterly direction from the City of Bisbee in Cochise Co. Arizona.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone

at a point in a northwesterly direction five hundred feet from the discovery shaft (at which this notice is posted), being in the center of the northwesterly end line of said claim; thence southwesterly 173 feet to a monument of stone, being the northwesterly corner of said claim; thence

monument of stone being at the

10

Territory of Arizona, (ss. County of Cochise.

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the Amended Location Notice of the Key Mining Claim, filed and recorded in my office on the 1st day of Feb 1904, in Book 30 at page 125, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof. I witness my hand and seal of office this 22 day of September

1905

*Frank Hare*

County Recorder.



31712

AMENDED

# Notice of Mining Location

## LODE CLAIM

To All Whom It May Concern:

Key

This Mining Claim, the name of which is the.....  
Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Martin O'Hare, a citizen of the United States,

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")  
the undersigned, on the 29th day of January 1904

The length of this claim is fifteen hundred feet,  
and said claim runs five hundred feet,  
in a northwesterly direction and one thousand  
feet in a southeasterly direction from  
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together  
with about 180 feet in width of the surface grounds, on each  
side of the center of said claim. The general course of the lode deposit and premises is from the  
northwest to the southeast

The claim is situated and located in the Warren Mining District, in  
Cochise County, in the Territory of Arizona, about two & 1/2 miles  
in a southeasterly direction from the City of Bisbee in  
Cochise Co. Arizona.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at  
a monument of stone

at a point in a northwesterly direction five hundred feet from  
the discovery shaft (at which this notice is posted), being in the center of the northwesterly  
end line of said claim; thence southwesterly 173 feet to a monument of  
stone, being the northwesterly corner of said claim; thence

10

Territory of Arizona, (ss.  
County of Cochise.

I, Frank Hare, County Recorder in and for said County, hereby  
certify that I have compared the foregoing copy with the Amended  
Location Notice of the Key Mining Claim, filed  
and recorded in my office on the 1st day of Feb 1904,  
in Book 30 at page 125, Record of Mines, and that the same is a  
full, true and correct copy of such original and of the whole thereof  
Witness my hand and seal of office this 22 day of September  
1905.



County Recorder.



31711

AMENDED

# Notice of Mining Location

## LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Key Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Martin O'Hare, a citizen of the United States,

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 29th day of January 1904

The length of this claim is fifteen hundred feet, and said claim runs five hundred feet, in a northwesterly direction and one thousand feet in a southeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with about 180 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the northwest to the southeast

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about two & 1/2 miles in a southeasterly direction from the City of Bisbee in Cochise Co. Arizona.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone

at a point in a northwesterly direction five hundred feet from the discovery shaft (at which this notice is posted), being in the center of the northwesterly end line of said claim; thence southwesterly 173 feet to a monument of stone, being the northwesterly corner of said claim; thence southeasterly 1500 feet to a monument of stone, being at the southwesterly corner of said claim; thence northeasterly 187 feet to a monument of stone at the center of the southeasterly end of said claim; thence northeasterly 187 feet to a monument of stone, being at the southeasterly corner of said claim; thence northwesterly 1500 feet to a monument of stone at the northeasterly corner of said claim; thence southwesterly 173 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 29th day of January 1904

Witness

Martin O'Hare

Stephen R. O'Keefe

Filed and recorded at request of Martin O'Hare Feby. 1st A. D. 1904 at 9 A. M. Book 30, page 125, Record of Mines.



U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

Dec. 21" 1905

I, U. S. Surveyor-General for Arizona,

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Hoval A. Smith et al,

known as the Key

situate in Warren

Mining District, Cochise County, Arizona,

in Section APPROX, Township No. 23 S., Range No. 24 E. unsurveyed, and designated as Survey No. 2174, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that <sup>less</sup> five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or their grantors, and that said improvements consist of 1 shaft, value \$100.00, at true of survey.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

( Signed ) FRANK S. Ingalls,

United States Surveyor-General for Arizona.

(4-687.)

# Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

**Department of the Interior,**

*Office of U. S. Surveyor General,*

Phoenix, Arizona,

*Dec. 21* 1905, 18 .

I, U. S. Surveyor General for Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Howal A. Smith et al,

known as the Key,

situate in Warren mining district,

Cochise County, Arizona,

in Section APPROX, Township No. 23 S., Range No. 24 E. unsurveyed,

designated as Survey No. 2174

executed by Franklin W. Smith, U. S. Deputy Mineral Surveyor, Oct. 5, 1905, 18 , under my instructions dated Oct. 4, 1905, 18 , have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and the Survey they describe, are hereby approved. A true copy of the copy of the location certificate filed by the applicant for survey is included in the field notes.

*Frank A. Sargent*

U. S. Surveyor General for Arizona,



# SURVEY NO.

## 2174

SCALE 200 FT=1 IN.

14

LULLU  
SUR. NO. 1872  
S 15° 19' W 21.6'  
TO VEIN 11.6'  
N 87° 04' W  
17.3'  
Lucky  
SUR. NO. 2084

WALLACE  
SUR. NO. 1782

OHIO  
SUR. NO. 1648

COMSTOCK  
SUR. NO. 1392

CALIFORNIA  
SUR. NO. 1552  
N 49° 05' W 52.7'  
L 190.5'

DISCOVER  
SUR. NO. 1678  
N 87° 18' W 87.18'  
L 200'

N 36° 08' 30" W 72.89.5  
S 35° 29' E 638.7  
S 35° 49' E 796.4

3.073 ACRES  
0.020  
3.053

TOTAL AREA OF KEY  
AREA IN CONFLICT VS LUCKY  
NET AREA OF KEY

